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Nussbaum et al.

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(54) **SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS**

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(51) **Int. Cl.**

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F21V 21/00	(2006.01)
F21L 4/02	(2006.01)
F21S 6/00	(2006.01)
F21V 3/00	(2006.01)
F21W 121/00	(2006.01)
F21W 131/301	(2006.01)
F21Y 101/02	(2006.01)

(52) **U.S. Cl.**

CPC . ***F21S 6/002*** (2013.01); ***F21V 3/00*** (2013.01); *F21W 2121/00* (2013.01); *F21W 2131/301* (2013.01); *F21Y 2101/02* (2013.01); *Y10S 362/806* (2013.01)

(58) **Field of Classification Search**

None

See application file for complete search history.

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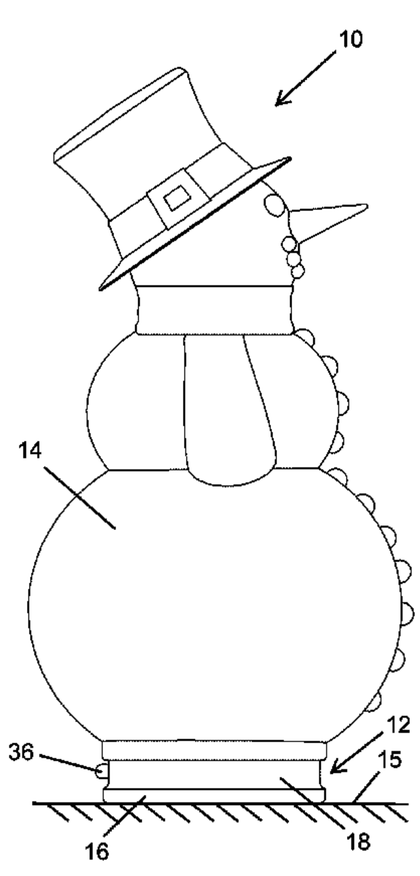
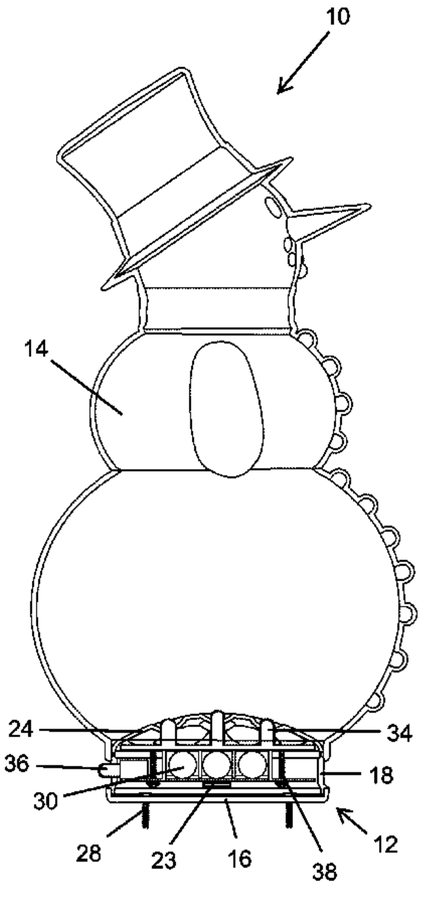
(57) **ABSTRACT**

A surface mount light (**10**) comprises a base assembly (**12**) and a first diffuser (**14**). The base assembly (**12**) includes (i) a housing body (**25**) having a base (**16**) and a side (**18**) that is coupled to the base (**16**), the base (**16**) being mountable on a surface (**15**); (ii) a light assembly (**22**) positioned substantially within the housing body (**25**), the light assembly (**22**) including one or more LED lights (**34**), wherein power is selectively provided to the light assembly (**22**) such that at least one of the one or more LED lights (**34**) directs light away from the base (**16**); and (iii) a first attachment member (**40**). The first diffuser (**14**) includes a second attachment member (**42**) that selectively engages the first attachment member (**40**) to selectively attach the first diffuser (**14**) to the base assembly (**12**) without damaging the base assembly (**12**) and the first diffuser (**14**).

12 Claims, 7 Drawing Sheets





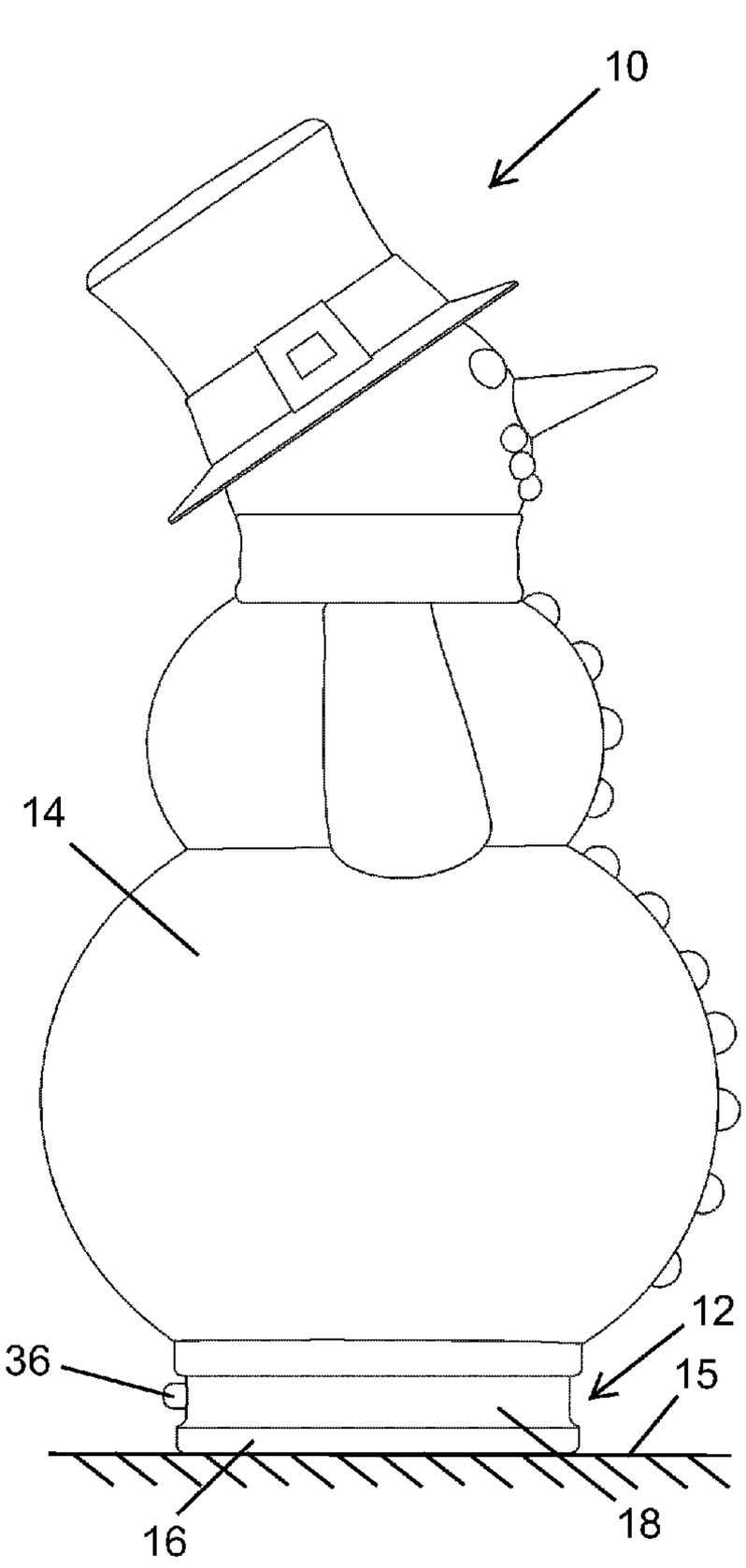


Fig. 1A

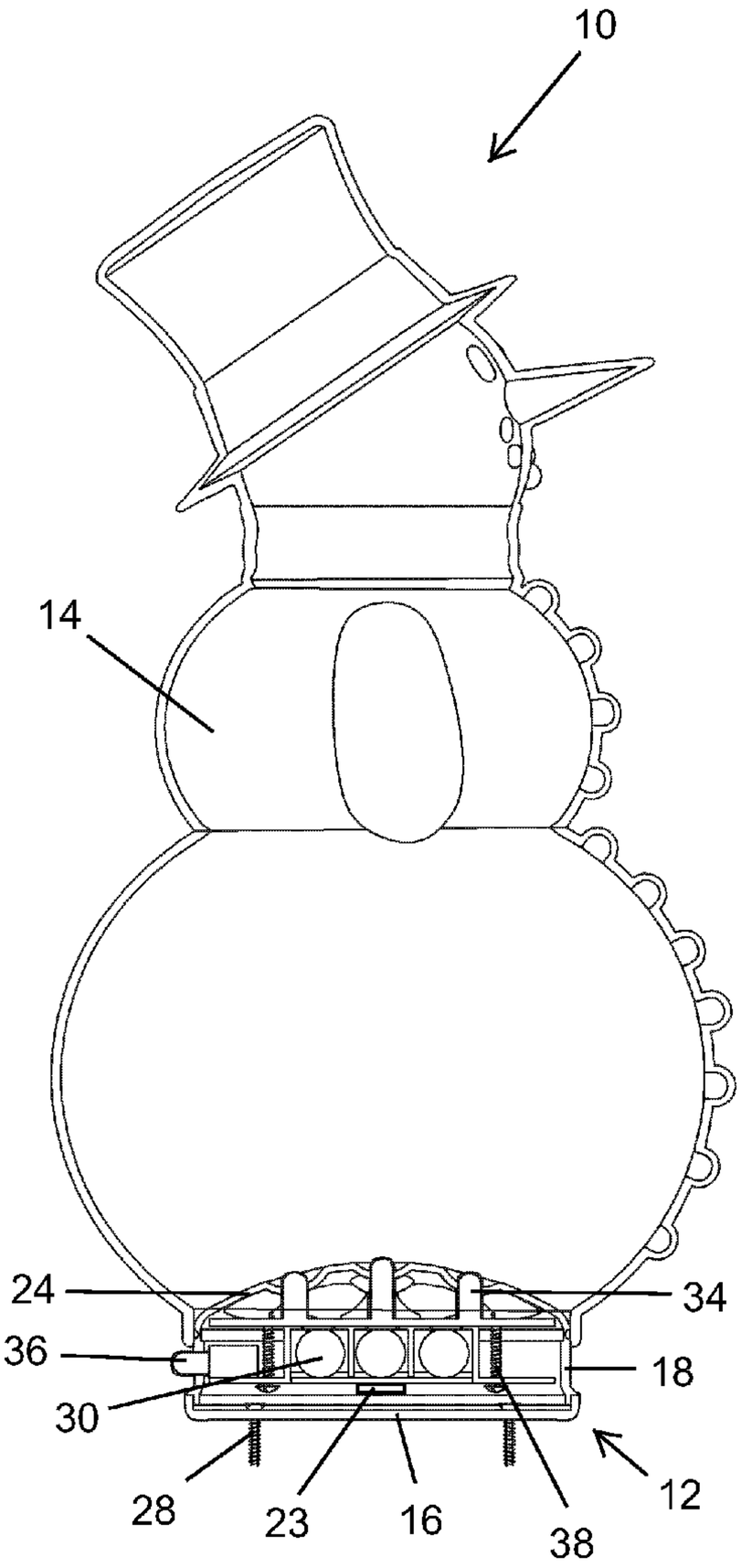


Fig. 1B

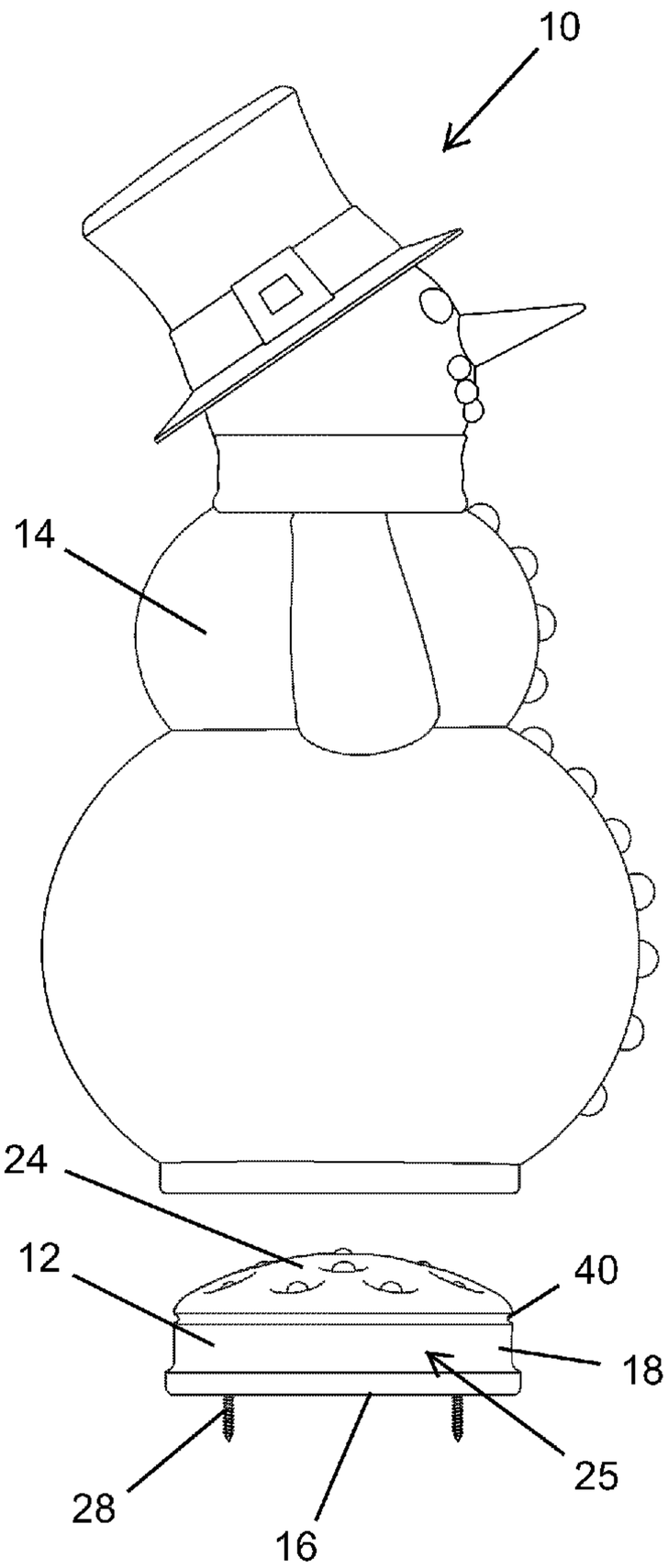


Fig. 1C

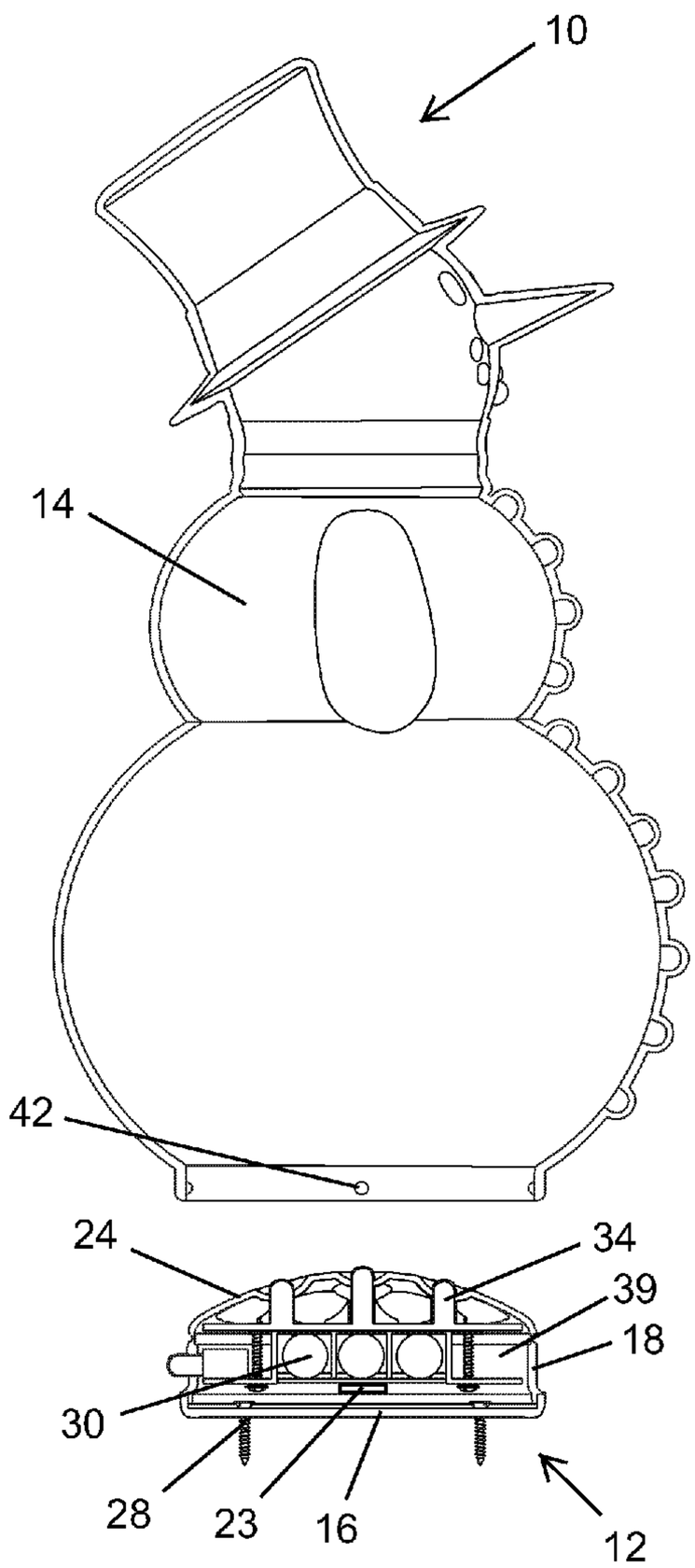


Fig. 1D

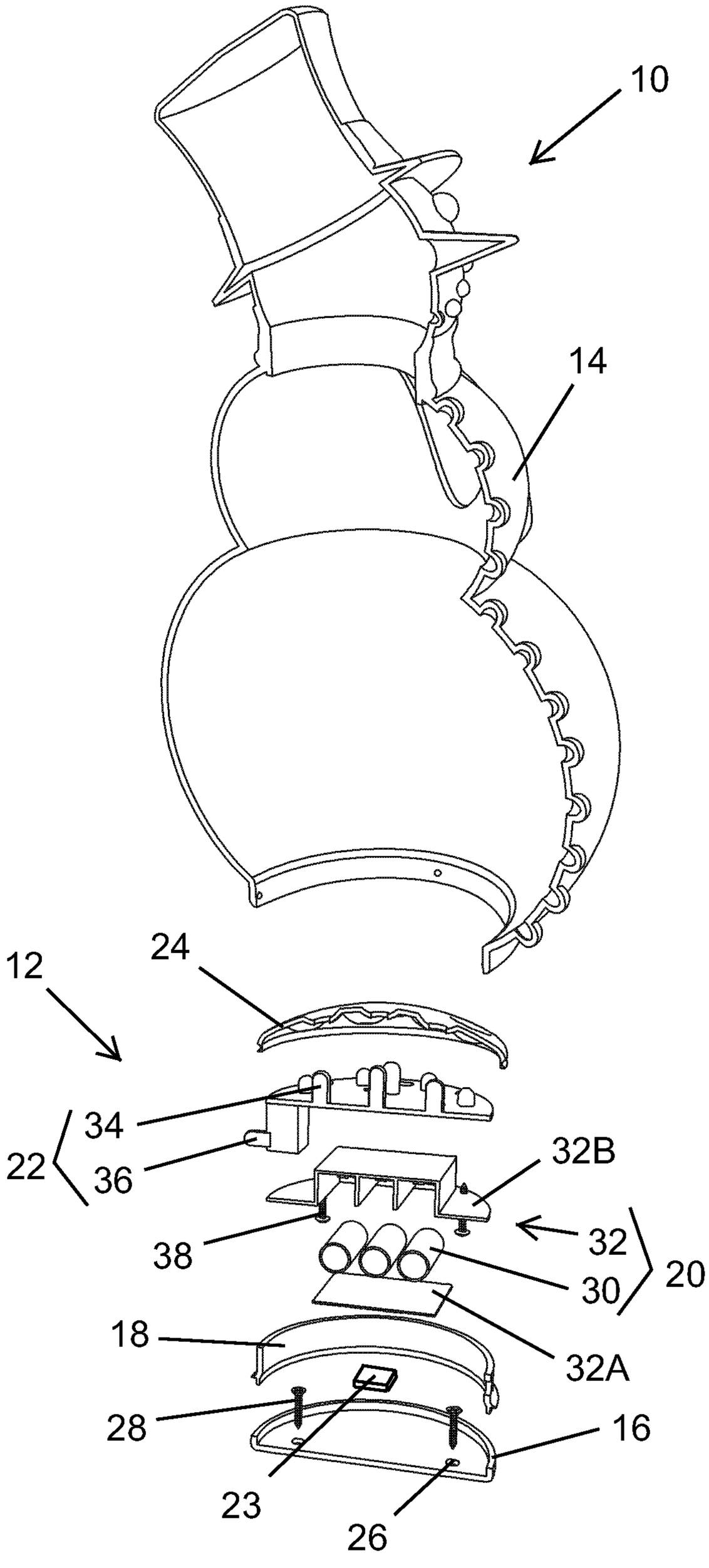


Fig. 1E

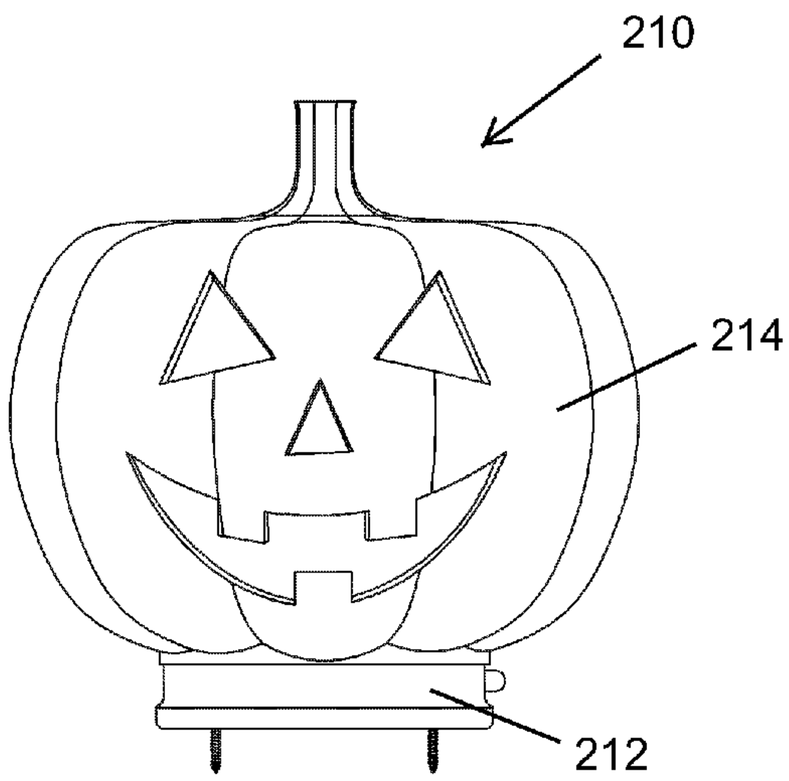


Fig. 2A

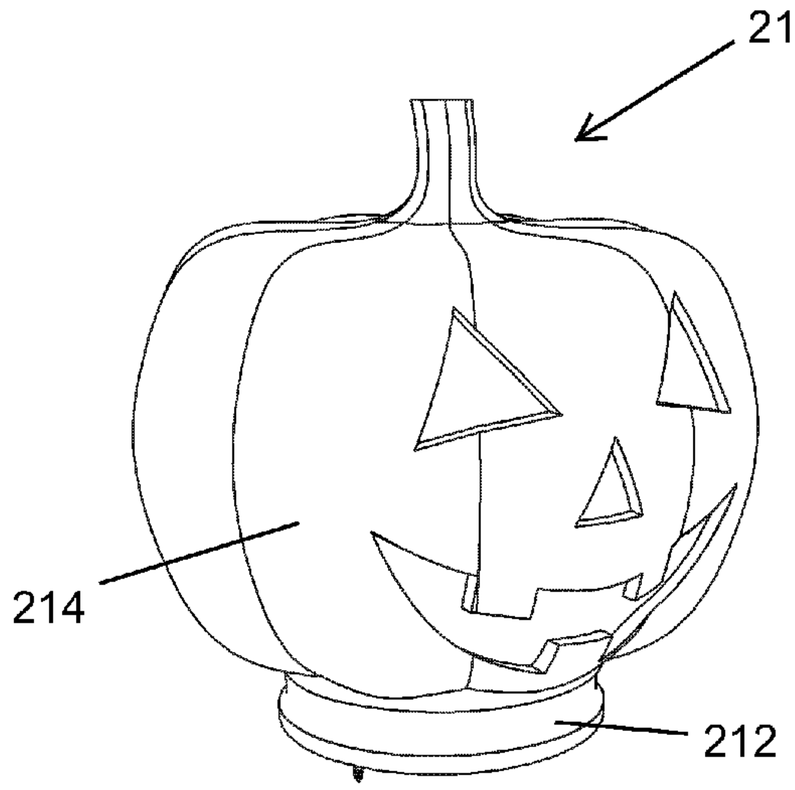


Fig. 2B

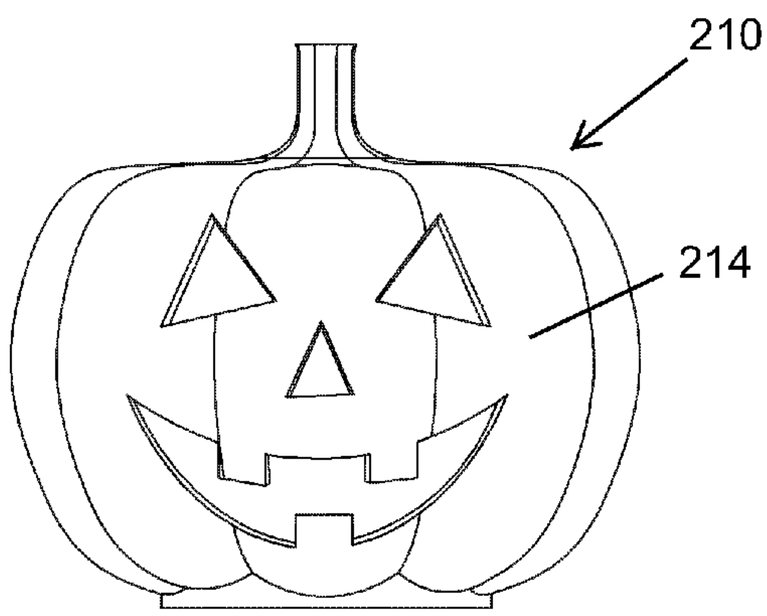


Fig. 2C

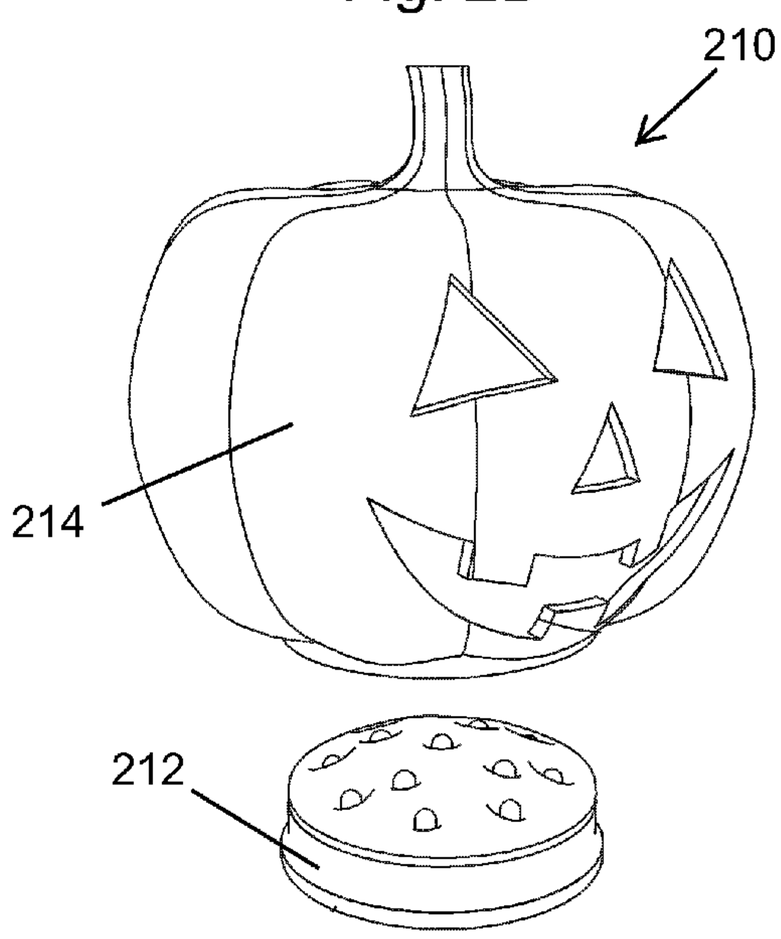


Fig. 2D

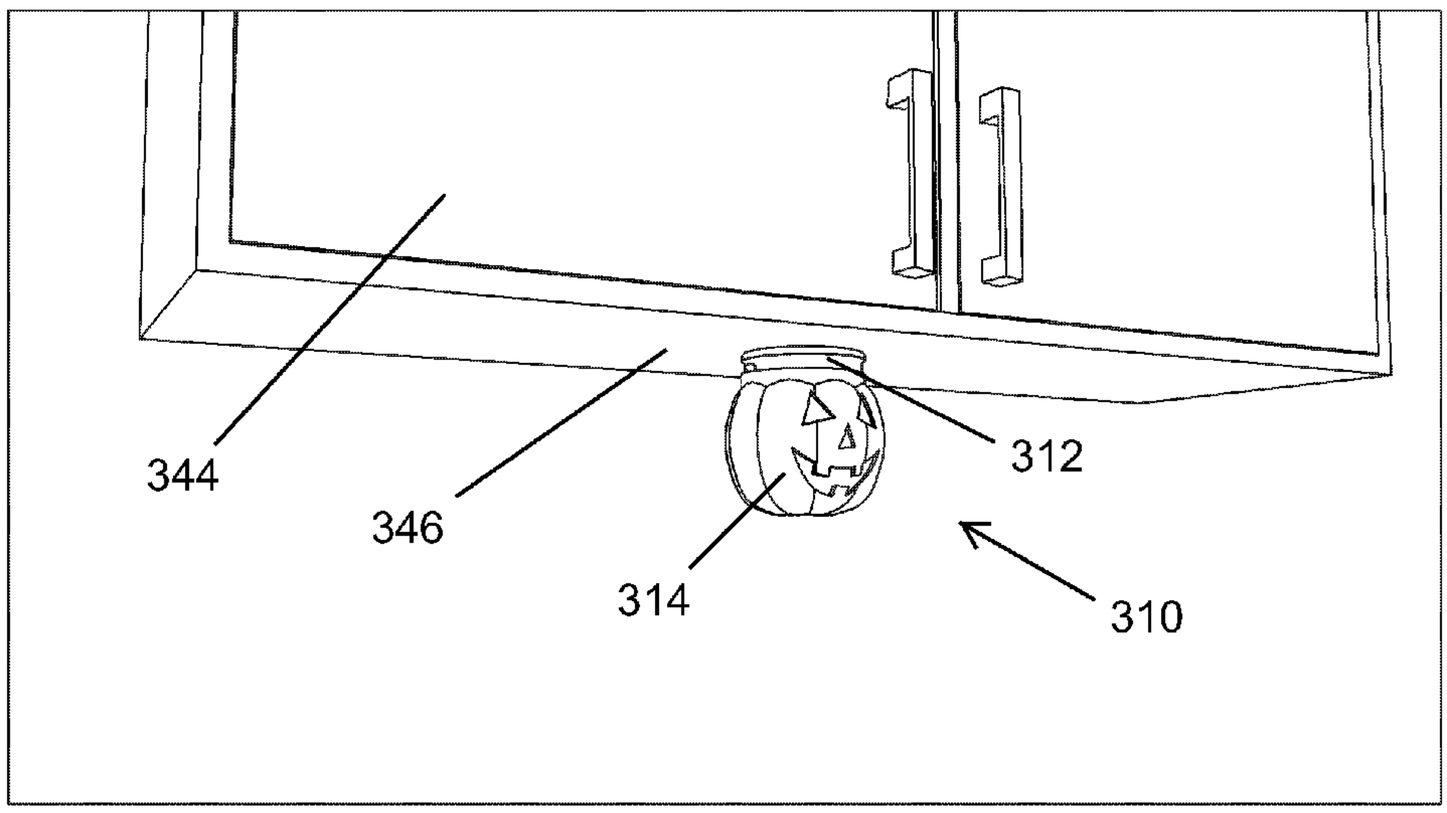


Fig. 3A

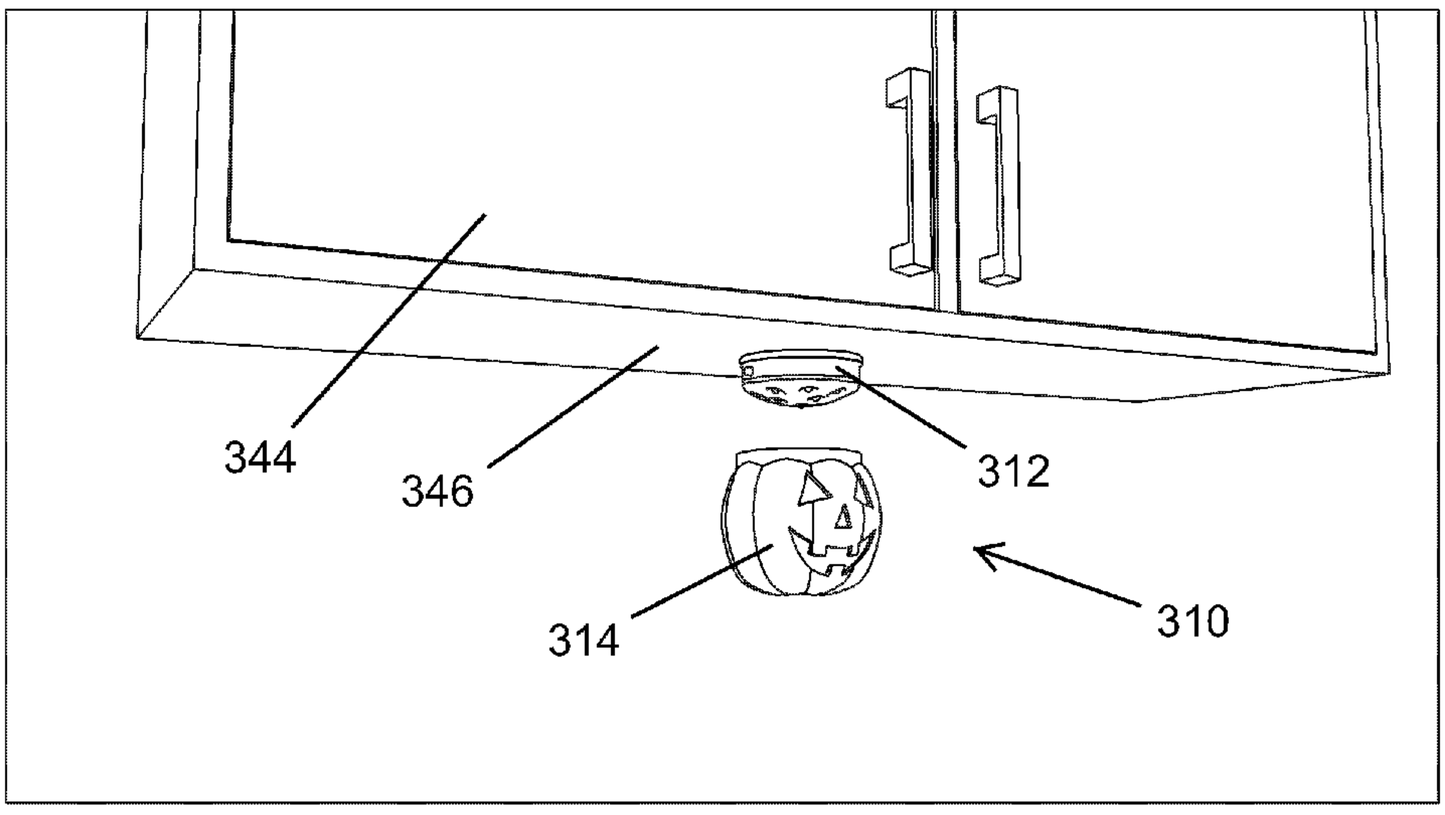


Fig. 3B

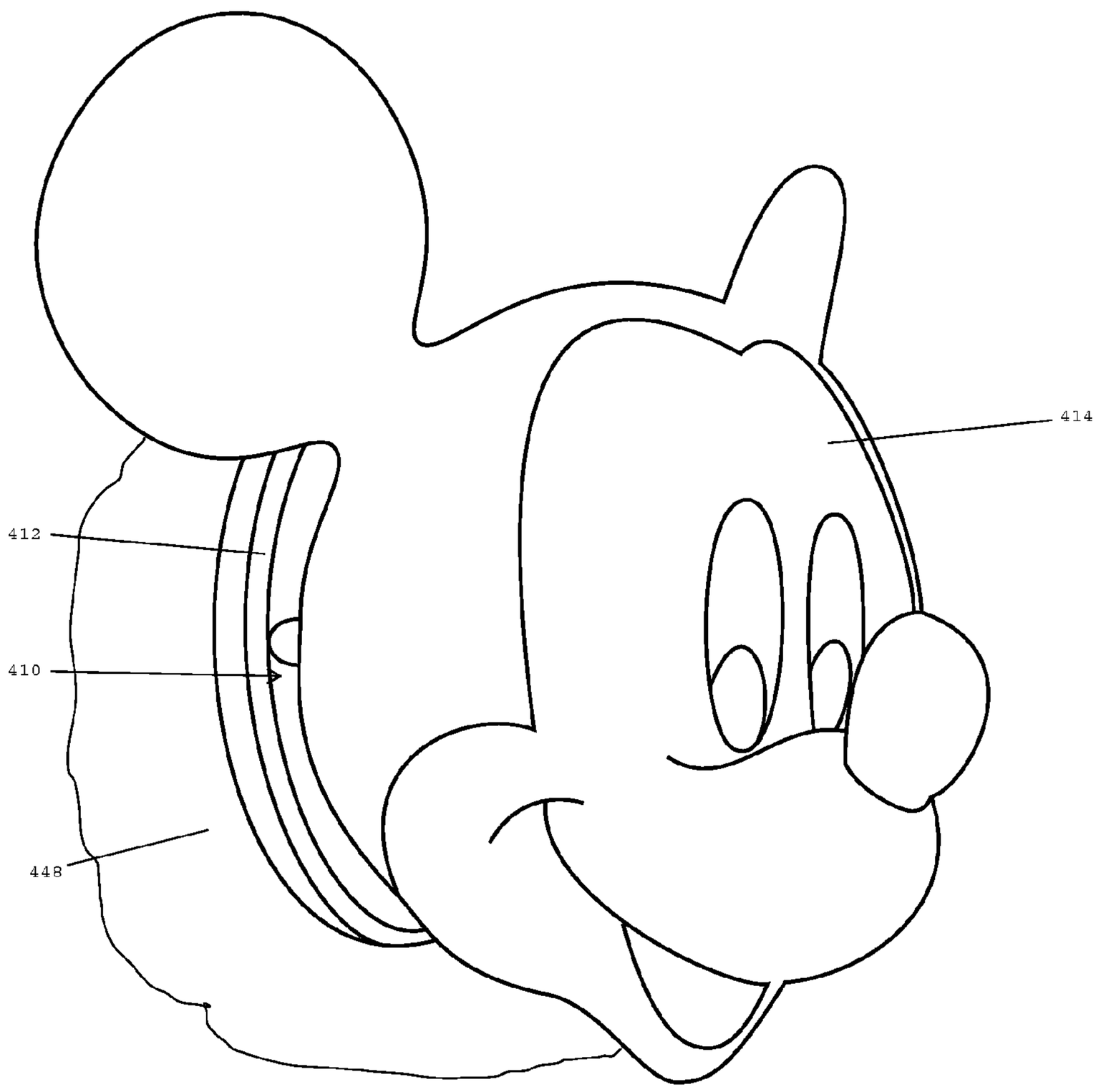


Fig. 4

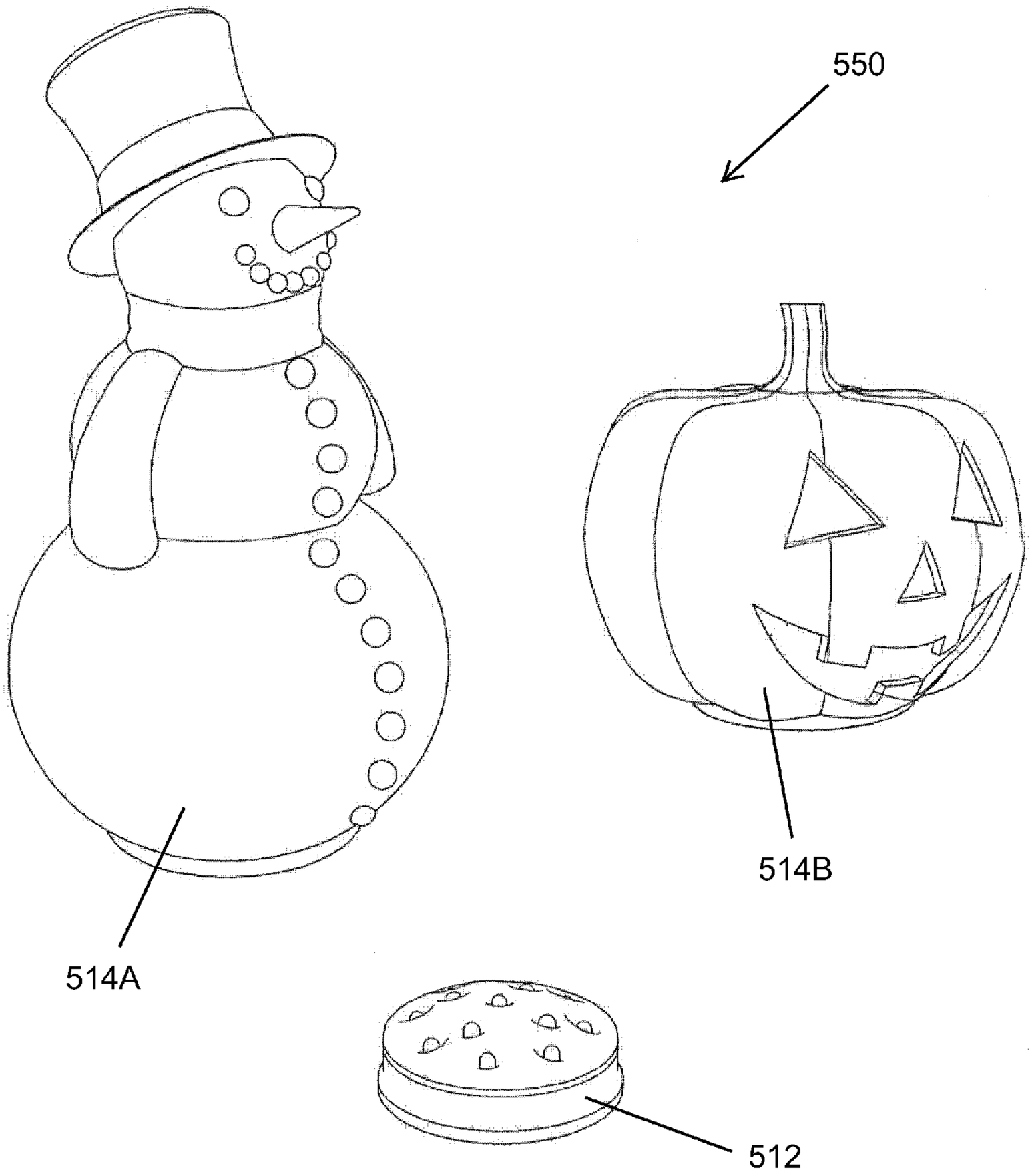


Fig. 5

SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS

RELATED INVENTIONS

This application claims priority on U.S. Provisional Application Ser. No. 61/532,686, filed Sep. 9, 2011 and entitled "SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS"; and on U.S. Provisional Application Ser. No. 61/659,803, filed Jun. 14, 2012 and entitled "SURFACE MOUNT LIGHT WITH INTERCHANGEABLE DIFFUSERS". As far as permitted, the contents of U.S. Provisional Application Ser. Nos. 61/532,686 and 61/659,803 are incorporated herein by reference.

BACKGROUND

Lights and lighting that are designed to be mounted to a surface, e.g., a table top, a desk top, a counter top, a wall, or the underside of a cabinet, can provide useful illumination of various areas in and around homes and buildings. Additionally, such lights can also be used for decorative purposes, such as for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes. Unfortunately, in many instances, the time and effort required to switch decorative lights between holidays, sports seasons, or other celebrations can cause many to not want to utilize such decorative lights on a regular basis.

SUMMARY

The present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising a base assembly and a first diffuser. In certain embodiments, the base assembly includes (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iii) a first attachment member. Additionally, the first diffuser can be selectively attached to and detached from the base assembly without damaging the base assembly and the first diffuser. Moreover, the first diffuser includes a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly. In one such embodiment, the first attachment member includes a groove that extends around a perimeter of the housing body, and the second attachment member includes one or more protrusions that can be selectively positioned within the groove.

In some embodiments, the housing body is substantially disk shaped. In one such embodiment, the housing body has a diameter of less than approximately five inches.

Additionally, in one embodiment, the first diffuser is a decorative diffuser that extends away from the base assembly by at least approximately two inches.

In one embodiment, the surface mount light further comprises a second diffuser that is selectively attachable to and detachable from the base assembly.

In certain embodiments, the surface mount light further comprises a switch that selectively activates the light assembly. Additionally, the surface mount light can further comprise a sound source positioned substantially within the housing body. Moreover, in one embodiment, the switch selectively activates the sound source.

Further, in one embodiment, the surface mount light further comprises a power source assembly including one or more batteries that selectively provide power to the light assembly such that at least one of the one or more LED lights directs light away from the base.

Additionally, the present invention is also directed toward a package assembly including the surface mount light as described above, and a second diffuser that is alternatively selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

Further, in another embodiment, the present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising (a) a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; and (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (b) a sound source that is positioned substantially within the housing body, wherein power is selectively provided to the sound source to selectively activate the sound source.

Still further, in yet another embodiment, the present invention is directed toward a surface mount light that is mounted on a surface, the surface mount light comprising (a) a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights; (iii) a power source assembly that provides power to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iv) a first attachment member; (b) a sound source that is positioned substantially within the housing body, the power source assembly providing power to the sound source to selectively activate the sound source; (c) a first diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly; and (d) a second diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

BRIEF DESCRIPTION OF THE DRAWINGS

The novel features of this invention, as well as the invention itself, both as to its structure and its operation, will be best understood from the accompanying drawings, taken in conjunction with the accompanying description, in which similar reference characters refer to similar parts, and in which:

FIG. **1**A is a simplified side view of an embodiment of a surface mount light having features of the present invention;

FIG. **1**B is a sectional side view of the surface mount light illustrated in FIG. **1**A;

FIG. **1**C is a partially exploded side view of the surface mount light illustrated in FIG. **1**A;

FIG. **1**D is a partially exploded sectional side view of the surface mount light illustrated in FIG. **1**A;

FIG. **1**E is an exploded sectional perspective view of the surface mount light illustrated in FIG. **1**A;

FIG. **2**A is a simplified front view of another embodiment of a surface mount light having features of the present invention;

FIG. **2**B is a simplified perspective view of the surface mount light illustrated in FIG. **2**A;

FIG. **2**C is a partially exploded front view of the surface mount light illustrated in FIG. **2**A;

FIG. **2**D is a partially exploded perspective view of the surface mount light illustrated in FIG. **2**A;

FIG. **3**A is a simplified perspective view of a portion of a cabinet and still another embodiment of a surface mount light having features of the present invention;

FIG. **3**B is a partially exploded perspective view of the portion of the cabinet and the surface mount light illustrated in FIG. **3**A;

FIG. **4** is a perspective view of a portion of a wall and yet another embodiment of a surface mount light having features of the present invention; and

FIG. **5** is a perspective view of a package assembly having features of the present invention.

DESCRIPTION

FIGS. **1**A-**1**E are alternative views of an embodiment of a surface mount light **10** having features of the present invention. More particularly, FIG. **1**A is a simplified side view of the surface mount light **10**; FIG. **1**B is a sectional side view of the surface mount light **10** illustrated in FIG. **1**A; FIG. **1**C is a partially exploded side view of the surface mount light **10** illustrated in FIG. **1**A; FIG. **1**D is a partially exploded sectional side view of the surface mount light **10** illustrated in FIG. **1**A; and FIG. **1**E is an exploded sectional perspective view of the surface mount light **10** illustrated in FIG. **1**A.

As illustrated in this embodiment, the surface mount light **10** can include a base assembly **12** and a diffuser **14** that is selectively attached to the base assembly **12**. Alternatively, the surface mount light **10** can be designed to function without the need for the diffuser **14**, i.e. the surface mount light **10** can function with only the base assembly **12**.

As an overview, the surface mount light **10** is designed such that the diffuser **14** can be quickly, easily and selectively attached to and detached from the base assembly **12**, without damaging the base assembly **12** and/or the diffuser **14**. Stated in another fashion, the surface mount light **10** is designed such that the diffuser **14** is removably attachable to the base assembly **12**, without damaging the base assembly **12** and/or the diffuser **14**. Additionally, the diffuser **14** can be selectively attached to and detached from the base assembly **12** without having to remove the surface mount light **10** from a surface **15**, e.g., a table top, a desk top, a counter top, a wall, an underside of a cabinet, etc. on which the surface mount light **10** is mounted. Further, the surface mount light **10** can include a plurality of diffusers **14** (e.g., the diffuser **14** illustrated in FIGS. **1**A-**1**I, the diffuser **214** illustrated in FIGS. **2**A-**2**D, and the diffuser **314** illustrated in FIGS. **3**A and **3**B) which can each alternatively be quickly, easily and selectively attached to and detached from the base assembly **12**. With this design, the plurality of diffusers **14** can be quickly, easily and selectively interchanged so that the surface mount light **10** can be used for various different holidays, sports seasons, or other celebrations without the need to provide an entirely new surface mount light **10**. Moreover, this further saves added expenses and storage space that may be required in order to have and utilize completely different surface mount lights **10** for each new occasion. Still further, it should be noted that the surface mount light **10** can be provided as part of a package assembly (see e.g., the package assembly **550** illustrated in FIG. **5**) that includes a base assembly **12** and a plurality of diffusers **14**, with each of the plurality of diffusers **14** being selectively and alternatively attachable to and detachable from the base assembly **12**, without damaging the base assembly **12** and/or the diffusers **14**.

Additionally, as illustrated, the surface mount light **10** can further include a sound source **23** that can be positioned substantially within, near and/or adjacent to the base assembly **12**. The sound source **23** can provide sound that can be selectively turned on or off within the surface mount light **10**. In one embodiment, the sound source **23** can be selectively controlled to play a portion of a song, or a full song whenever the surface mount light **10** is turned on. Alternatively, the sound source **23** can continuously play songs while the surface mount light **10** is turned on and stop when the surface mount light **10** is turned off. Still alternatively, the sound source **23** can play songs for an adjustable, predetermined time whenever the surface mount light **10** is turned on. Yet alternatively, the sound source **23** can speak, e.g., say some words or phrases, that may (or may not) specifically relate to the diffuser **14** that is attached to the base assembly **12**, whenever the surface mount light **10** is turned on. Still yet alternatively, the sound source **23** can play words, songs, etc. that have been specifically recorded by the user (or from another source) to be used with the surface mount light **10**.

In one embodiment, the sound source **23** has a memory of the songs or phrases. Alternatively, as a non-exclusive example, the sound source **23** can include a radio tuner to tune into a radio station.

The design of the base assembly **12** can be varied to suit the specific design requirements of the surface mount light **10**. For example, in one non-exclusive embodiment, the base assembly **12** can comprise an LED puck light. LED puck lights utilize one or more LED lights and typically include a substantially circular (i.e. disk) or oval shape. Additionally, LED puck lights are good for and, thus, are commonly used for under-cabinet and display lighting purposes. Alternatively, the base assembly **12** can have a different design.

In this embodiment, as best shown in FIG. **1**E, the base assembly **12** can include a base **16**, a side **18**, a power source assembly **20**, a light assembly **22**, the sound source **23**, and a cover **24**. Alternatively, the base assembly **12** can be designed without one or more of the elements noted above. For example, the base assembly **12** can be designed without the cover **24**. Still alternatively, the base assembly **12** can include additional features not specifically illustrated in the Figures.

It should be noted that the base **16**, the side **18** and/or the cover **24** can be referred to as individual elements of a housing body **25**. Stated another way, in certain embodiments, the housing body **25** includes the base **16**, the side **18** and the cover **24**.

The base **16** is adapted to be fixedly and/or detachably secured to or otherwise mounted on the surface **15**, such as a counter top, a desk top, a table top, a wall, and/or the underside of a cabinet. Stated in another fashion, during use, the base **16** is positioned substantially adjacent to, if not in direct contact with, the surface **15** on which the surface mount light **10** is attached and/or mounted. For example, in one embodiment, as shown most clearly in FIG. **1**E, the base **16** can include one or more base apertures **26** (two are illustrated in FIG. **1**E). Further, the surface mount light **10** can include a one or more base attachers **28** (two are illustrated in FIGS. **1**B-**1**E), e.g., screws, that extend through the base apertures **26** and into the surface **15** on which the surface mount light **10** is to be mounted. Alternatively, the base **16** can be designed with more or less than the two base apertures **26** specifically illustrated in FIG. **1**E, and/or the surface mount light **10** can include more or less than the two base attachers **28** specifically illustrated in FIGS. **1**B-**1**E. Additionally and/or alternatively, the design of the base attachers **28** can be different than

specifically illustrated in FIGS. **1**B-**1**E. For example, in one non-exclusive alternative embodiment, the base **16** can be designed without any base apertures **26** and the base attachers **28** can include one or more magnets that can be secured to the base **16** and/or mounted to the surface **15**. Still alternatively, the base **16** can be attached to and/or mounted on the surface **15** with two-sided tape, with hook and loop material secured to the base **16** and the surface **15**, or by other appropriate attachment means.

The size and shape of the base **16** can be varied depending on the design requirements of the surface mount light **10**. In certain embodiments, as shown, the base **16** can be substantially circular in shape, and the base **16** can have a diameter of between approximately two inches and five inches. For example, in some particular non-exclusive embodiments, the base **16** can have a diameter of approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5 or 5.0 inches. Alternatively, the base **16** can have a different shape and/or a different size. For example, the base **16** can be substantially square shaped, rectangle shaped, triangle shaped, oval shaped, octagon shaped, or some other shape; and/or the base **16** can have a diameter that is greater than five inches or less than two inches.

The side **18** is coupled to the base **16** and extends away from the base **16** and away from the surface **15** on which the base **16** is mounted. Moreover, the side **18** can have a size and shape that corresponds with the size and shape of the base **16** to which the side **18** is coupled. In this embodiment, the side **18** is substantially annular ring shaped to match the substantially circular shaped base **16**. With this design, the housing body **25** is substantially disk shaped. In some particular non-exclusive embodiments, the housing body **25** can have a diameter of approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5 or 5.0 inches. Alternative, the housing body **25** can have a diameter that is greater than five inches or less than two inches. Still alternatively, the side **18** (and, thus, the housing body **25**) can have a different design and/or have a different shape. For example, in certain non-exclusive alternative embodiments, the side **18** can be a ring that is substantially square shaped, rectangle shaped, triangle shaped, oval shaped, octagon shaped, or some other shape.

The power source assembly **20** provides power to the surface mount light **10**, i.e. to the light assembly **22** and/or the sound source **23**, in order to illuminate the light assembly **22** and/or to generate sound from the sound source **23**. As shown, the power source assembly **20** can include a power source **30**, and a power source housing **32**. In one embodiment, as illustrated, the power source **30** can include one or more batteries in order to provide sufficient electrical power to illuminate the light assembly **22** and/or to generate sound from the sound source **23**. Alternatively, the power source **30** can include one or more wires that enable the surface mount light **10** to be electrically connected to a remote power system in order to provide sufficient electrical power to illuminate the light assembly **22** and/or generate sound from the sound source **23**. Still alternatively, the power source **30** can be designed to provide power to the surface mount light **10** in a different manner.

The power source housing **32** isolates and/or protects the power source **30** from other elements of the surface mount light **10**. For example, as illustrated herein, the power source housing **32** can include a battery support **32**A and a battery cover **32**B that isolate and/or protect the power source **30** from other elements of the surface mount light **10**.

Additionally, at least a portion of the power source assembly **20** can be positioned substantially between the base **16** and the light assembly **22** to maintain the light assembly **22** spaced apart from the base **16**. By spacing the light assembly **22** apart from the base **16**, any heat generated by the light assembly **22** can be more easily directed away from the base **16** and thus away from the surface **15** to which the base **16** is attached or mounted.

The light assembly **22** can include one or more lights **34** that provide the desired illumination. For example, as illustrated, the light assembly **22** can include one or more LED lights **34** that individually extend away from the base **16**, and, thus, direct light away from the base **16**. In certain non-exclusive alternative embodiments, the light assembly **22** can include nine, eleven, thirteen, fifteen or seventeen LED lights. Alternatively, the light assembly **22** can include another suitable number of LED lights. Still alternatively, the light assembly **22** can include one or more different types of lights, e.g., incandescent lights and/or fluorescent lights.

Additionally, as illustrated, the light assembly **22** can include a switch **36** to selectively activate the lights **34**. More specifically, the switch **36** can be moved between an on position, wherein the power source **30** provides power to the lights **34** so that the lights **34** can generate and/or provide the desired illumination, and an off position, wherein the power source **30** is not providing power to the lights **34**. Alternatively, in certain embodiments, the surface mount light **10** can include a switch that is positioned remotely from the remainder of the surface mount light **10**. For example, in embodiments that utilize a wired connection to provide power to the lights **34**, the surface mount light **10** can utilize a wall-mounted switch. Still alternatively, the lights **34** can be turned on and off in a different manner, e.g., the lights **34** can be turned on and off due to the presence of a motion sensor (not illustrated), or the lights **34** can be turned on and off simply by providing a force on the base assembly **12** (i.e. the light assembly **22** can comprise a push light type lighting assembly). Additionally and/or alternatively, the power source **30** can further include a timer (not illustrated) such that the lights **34** can be turned on for a predetermined amount of time.

Further, the surface mount light **10** can include one or more assembly attachers **38**, e.g., screws, to secure and/or couple the power source assembly **20** to the light assembly **22**. More particularly, in one embodiment, the assembly attachers **38** can extend through the power source housing **32** and into the light assembly **22**. Alternatively, the assembly attachers **38** can have a different design and/or the power source assembly **20** can be secured and/or coupled to the light assembly **22** in a different manner.

The sound source **23**, as noted above, can be positioned substantially within, near and/or adjacent to the base assembly **12**. In particular, in one non-exclusive embodiment, the sound source **23** can be positioned within the base assembly **12** and substantially adjacent to the base **16** of the base assembly **12**. Moreover, the sound source **23** can provide sound that can be selectively activated within the surface mount light **10**. Additionally, the sound source **23** can be turned on and off in a similar manner or a different manner in comparison to how the lights **34** are turned on and off. For example, the sound source **23** can be turned on and off using the same switch **36** that is used to selectively activate the lights **34**. Alternatively, the sound source **23** can be activated using a different switch that is positioned substantially within and/or adjacent to the base assembly **12**, or the sound source **23** can be activated using a different switch that is positioned remotely from the remainder of the surface mount light **10**. Still alternatively, the sound source **23** can be turned on and off in a different manner, e.g., the sound source **23** can be turned on and off due to the presence of a motion sensor, or in another suitable manner.

The sound source **23** can have any suitable design that enables the sound source **23** to produce sound that can be used with the surface mount light **10**. Moreover, the sound source **23** can be utilized to produce different types of sound with the surface mount light **10**. For example, in certain non-exclusive embodiments, the sound source **23** can provide a song that is appropriate for the particular occasion that is being celebrated, and/or the sound source **23** can provide a voice as if the fictional character on the diffuser **14** is talking or singing. Further, the sound source **23** can include commercially produced sound, sound specifically provided by the consumer (or other suitable person), a radio tuner, or other appropriate sound source.

The cover **24** is positioned over the light assembly **22** and enables the illumination from the light assembly **22** to shine through. Additionally, in this embodiment, the cover **24** is coupled to the side **18** and/or the base **16** so that the light assembly **22** and the power source assembly **20** are positioned substantially within and are effectively maintained within a cavity **39** defined by the cover **24**, the side **18** and the base **16**. Stated in another fashion, the light assembly **22** and the power source assembly **20** are positioned substantially within and are effectively maintained within the cavity **39** defined by the housing body **25**. With this design, the base **16**, the side **18** and the cover **24**, i.e. the housing body **25**, provide a base housing for the other elements of the surface mount light **10**.

Additionally, as illustrated, the base assembly **12** includes a first attachment member **40**, and the diffuser **14** includes a second attachment member **42** that selectively engages the first attachment member **40** such that the diffuser **14** can be selectively and removably attached to the base assembly **12**, i.e. selectively attached to and detached from the base assembly **12**, without damaging the base assembly **12** and/or the diffuser **14**. For example, as best illustrated in FIG. **1**C, the cover **24** and the side **18** can cooperate to form the first attachment member **40**, e.g., a narrow groove, around the perimeter of the base housing to receive a portion of the diffuser **14**. In particular, in this embodiment, the diffuser **14** includes the second attachment member **42**, e.g., one or more protrusions (illustrated in FIG. **1**D), or bumps, that can be quickly and easily positioned within and/or be removed from the groove **40** without damaging the cover **24**, the side **18** and/or the diffuser **14**. Alternatively, the diffuser **14** can be detachably secured to the base assembly **12** in a different manner. For example, the diffuser **14** can include a groove and the cover **24** and/or the side **18** can include a one or more protrusions or bumps, wherein the protrusions (or bumps) can easily fit within and/or be removed from the groove of the diffuser **14**. Still alternatively, the second attachment member **42** of the diffuser **14** can include a lip that fits within the first attachment member **40**, e.g., the groove, and/or the first attachment member **40** and the second attachment member **42** can include one or more magnets can be secured to the base assembly **12** and the diffuser **14**, respectively, for selectively and removably attaching the diffuser **14** to the base assembly **12**. Yet alternatively, the first attachment member **40** and the second attachment member **42** can have a different suitable design that enables the diffuser **14** to be selectively and removably attached to and detached from the base assembly **12** without damaging the base assembly **12** and/or the diffuser **14**.

Further, in certain embodiments, the base housing, i.e. the base **16**, the side **18** and the cover **24**, can be made from a durable, molded plastic material. Alternatively, the base **16**, the side **18** and/or the cover **24** can be made from other suitable materials.

The design of the diffuser **14** can be varied to suit the specific design requirements of the surface mount light **10**. For example, in certain non-exclusive embodiments, the diffuser **14** can be a decorative diffuser that is representative of and/or used for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes, or other appropriate uses. Moreover, in some embodiments, the diffuser **14** can be a decorative diffuser that can extend away from the base assembly **12** by at least approximately two inches. For example, in some such non-exclusive embodiments, the diffuser **14** can be a decorative diffuser that extends away from the base assembly **12** by at least approximately 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, or 8.0 inches, or by another suitable distance. Additionally and/or alternatively, the diffuser **14** can be somewhat flat or dome shaped, and can be frosted and/or include various colors or designs in order to provide a desired ambience and/or to promote a particular holiday, occasion, sports team, fictional character, cause, etc.

As provided above, the diffuser **14** is designed to be selectively attached to and detached from the base assembly **12**. Additionally, the diffuser **14** can be quickly and easily interchanged on the base assembly **12** with one or more additional diffusers, e.g., the diffuser **214** illustrated in FIGS. **2**A-**2**D and/or the diffuser **314** illustrated in FIGS. **3**A and **3**B. In the embodiment illustrated in FIGS. **1**A-**1**E, the diffuser **14** is in the shape of a snowman, which can be used for decorative purposes during wintertime, around the Christmas holiday season, and/or at any time desired by the user. As noted, additional diffusers can include shapes and sizes that are appropriate for celebrating holidays, birthdays or other occasions, or for supporting favorite teams, fictional characters or causes; and/or additional diffusers can comprise a frosted and/or colored dome that provides a desired ambience.

Additionally, in this embodiment, the diffuser **14**, when attached to the base assembly **12**, is designed to be positioned in a generally upright position on the surface **15**, such as a table top, a counter top, or some other surface.

Further, in certain embodiments, the diffuser **14** can be made from a durable, molded plastic material and can include various different colors to provide the desired shapes, sizes and designs. Alternatively, the diffuser **14** can be made from other suitable materials.

FIGS. **2**A-**2**D are alternative views of another embodiment of a surface mount light **210** having features of the present invention. More particularly, FIG. **2**A is a simplified front view of the surface mount light **210**; FIG. **2**B is a simplified perspective view of the surface mount light **210** illustrated in FIG. **2**A; FIG. **2**C is a partially exploded front view of the surface mount light **210** illustrated in FIG. **2**A; and FIG. **2**D is a partially exploded perspective view of the surface mount light **210** illustrated in FIG. **2**A.

In this embodiment, the diffuser **214** is in the shape of a pumpkin or jack-o-lantern that is selectively attachable to and detachable from the base assembly **212**. Additionally, as with the previous embodiment, the diffuser **214**, when attached to the base assembly **212**, is designed to be positioned in a generally upright position on a surface, such as a table top, a counter top, or some other surface.

FIGS. **3**A and **3**B are alternative views of a portion of a cabinet **344** and still another embodiment of a surface mount light **310** having features of the present invention. In particular, FIG. **3**A is a simplified perspective view of the portion of the cabinet **344** and the surface mount light **310**, wherein the diffuser **314** is attached to the base assembly **312**; and FIG. **3**B is a partially exploded perspective view of the portion of the

cabinet **344** and the surface mount light **310** illustrated in FIG. **3**A, wherein the diffuser **314** is detached from the base assembly **314**.

In this embodiment, the diffuser **314** is again in the shape of a pumpkin or jack-o-lantern that is selectively attachable to and detachable from the base assembly **312**. However, as illustrated in this embodiment, the diffuser **314**, when attached to the base assembly **312**, is designed to be positioned so that the diffuser **314** extends in a generally downward direction from an underside **346** of the cabinet **344**, or other generally downward facing surface.

FIG. **4** is a perspective view of a portion of a wall **448** and yet another embodiment of a surface mount light **410** having features of the present invention. In this embodiment, the surface mount light **410** comprises a wall-mount configuration. More particularly, the surface mount light **410** includes the base assembly **412** and the diffuser **414**, with the base assembly **412** being secured to and/or mounted on the wall **448**, and the diffuser **414** being oriented such that the subject of the diffuser **414** is positioned in a generally upright configuration as the diffuser **414** extends away from the wall **448**. Additionally, in this embodiment, the diffuser **414** is shown as a decorative diffuser that is representative of a fictional, animated character, i.e. Mickey Mouse in the particular embodiment. Alternatively, the diffuser **414** can be a different type of decorative diffuser, or another type of diffuser.

FIG. **5** is a perspective view of a package assembly **550** having features of the present invention. In particular, FIG. **5** illustrates that the package assembly **550** includes a base assembly **512** and a plurality of diffusers, e.g., a first diffuser **514**A and a second diffuser **514**B. The base assembly **512** is substantially similar to the base assemblies **12**, **212**, **312**, **412** illustrated and described herein above; therefore, a detailed description of the base assembly **512** will not be provided herein. Additionally, the diffusers **514**A, **514**B are substantially similar to the diffusers **14**, **214**, **314**, **414** illustrated and described herein above; therefore a detailed description of the diffusers **514**A, **514**B will not be provided herein.

In this embodiment, each of the plurality of diffusers **514**A, **514**B are selectively and alternatively attachable to and detachable from the base assembly **512**, without damaging the base assembly **512** and/or the diffusers **514**A, **514**B.

While a number of exemplary aspects and embodiments of a surface mount light **10** have been shown and disclosed herein above, those of skill in the art will recognize certain modifications, permutations, additions and sub-combinations thereof. It is therefore intended that the surface mount light **10** shall be interpreted to include all such modifications, permutations, additions and sub-combinations as are within their true spirit and scope, and no limitations are intended to the details of construction or design herein shown.

What is claimed is:

1. A surface mount light that is mounted on a surface, the surface mount light comprising:

a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights, wherein power is selectively provided to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iii) a first attachment member; and

a first diffuser that can be selectively attached to and detached from the base assembly without damaging the base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly.

2. The surface mount light of claim **1** wherein the housing body is substantially disk shaped.

3. The surface mount light of claim **2** wherein the housing body has a diameter of less than approximately five inches.

4. The surface mount light of claim **1** wherein the first diffuser is a decorative diffuser that extends away from the base assembly by at least approximately two inches.

5. A package assembly including the surface mount light of claim **1** further comprising a second diffuser that is selectively attachable to and detachable from the base assembly.

6. The surface mount light of claim **1** wherein the first attachment member includes a groove that extends around a perimeter of the housing body, and wherein the second attachment member includes one or more protrusions that can be selectively positioned within the groove.

7. The surface mount light of claim **1** further comprising a sound source positioned substantially within the housing body.

8. The surface mount light of claim **1** further comprising a switch that selectively activates the light assembly.

9. The surface mount light of claim **8** further comprising a sound source positioned substantially within the housing body, and wherein the switch selectively activates the sound source.

10. The surface mount light of claim **1** further comprising a power source assembly including one or more batteries that selectively provide power to the light assembly such that at least one of the one or more LED lights directs light away from the base.

11. A package assembly including the surface mount light of claim **1**, and a second diffuser that is alternatively selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

12. A surface mount light that is mounted on a surface, the surface mount light comprising:

a base assembly including (i) a housing body having a base and a side that is coupled to the base, the base being adapted to be mounted on the surface; (ii) a light assembly that is positioned substantially within the housing body, the light assembly including one or more LED lights; (iii) a power source assembly that provides power to the light assembly such that at least one of the one or more LED lights directs light away from the base; and (iv) a first attachment member;

a sound source that is positioned substantially within the housing body, the power source assembly providing power to the sound source to selectively activate the sound source;

a first diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the first diffuser, the first diffuser including a second attachment member that selectively engages the first attachment member so that the first diffuser is selectively attachable to the base assembly; and

a second diffuser that is selectively attachable to and detachable from the base assembly without damaging the base assembly and the second diffuser.

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